

ABSTRACT

A refrigerant compressor includes a compressor section, driver, a first contact section and a second contact section. The compressor section is accommodated in a closed container for compressing refrigerant gas. The driver drives the compressor section. The first and second contact sections are brought into contact with each other or they slide with each other by driving the compressor section. On the surface of each one of the contact sections, at least one of plural recesses uniformly placed or a mixed layer, to which molybdenum disulfide (MoS_2) is bound, is formed. The foregoing structure allows increasing the abrasion resistance of the first and second contact sections.